

What is claimed is:

- 1 1. A system for providing information to a mobile client comprising:
2 a mobile device for generating a query which has a visual display; and
3 a broker which receives the query from the mobile device;
4 wherein the query includes identification information about the mobile device and
5 security information.
- 1 2. The system for providing information to a mobile client of claim 1, further
2 comprising:
3 a mini-server having a mini-server rules database;
4 wherein the broker transmits the query to the mini-server and a secure connection
5 is used to transmit the query if required by the security information.
- 1 3. The system for providing information to a mobile client of claim 2 wherein the
2 mini-server processes the query according to rules obtained from the mini-server
3 rules database.
- 1 4. The system for providing information to the mobile client of claim 3 wherein
2 requested information is obtained and formatted for the visual display of the
3 mobile device and the mini-server transmits the requested information to the
4 broker.

1 5. The system for providing information to the mobile client of claim 4 wherein the
2 requested information is transmitted from the broker to the mobile device and at
3 least a portion requested information is displayed on the visual display.

1 6. The system for providing information to the mobile client of claim 1 further
2 comprising:
3 a personal agent computer having a personal agent rules database;
4 wherein the broker transmits retrieval information to the mobile device and the
5 broker transmits the query to the personal agent over a secure connection.

1 7. The system for providing information to mobile devices of claim 6 wherein the
2 personal agent computer processes the query according to rules obtained from the
3 personal agent rules database.

1 8. The system for providing information to the mobile client of claim 7 wherein
2 requested information is obtained and formatted for the visual display of the
3 mobile device and the personal agent computer transmits the requested
4 information to the broker.

1 9. The system for providing information to mobile devices of claim 8 wherein if the
2 retrieval information is transmitted to the broker the requested information is
3 transmitted to the mobile device and at least a portion requested information is
4 displayed on the visual display.

- 1 10. The system for providing information to mobile devices of claim 1, further
2 comprising:
3 a mini-server having a mini-server rules database; and
4 a personal agent computer having a personal agent rules database.
5 wherein the broker has a broker rules database and the broker transmits the query
6 to either the mini-server or the personal agent computer in accordance with rules
7 from the broker rules database.
- 1 11. The system for providing information to mobile devices of claim 10, wherein the
2 personal agent computer or mini-server processes the query according to rules
3 obtained from the personal agent rules database or the mini-server rules database.
- 1 12. The system for providing information to a mobile client comprising:
2 a mobile device for generating a query which includes identification
3 information; and
4 a mini-server having a mini-server rules database;
5 wherein the mobile device transmits the query to the mini-server and the mini-
6 server processes the query according to rules from the mini-server rules database.
- 1 13. The system for providing information to the mobile client of claim 12 wherein
2 requested information is obtained and formatted by the mini-server for the visual
3 display of the mobile device, and the mini-server transmits the requested

information to the mobile device and a portion of the requested information is displayed on the visual display.

14. The system for providing information to the mobile client of claim 13 wherein the query includes security information and the requested information is transmitted to the mobile device over a secure connection if required by the security information.

15. A method for providing information to a mobile device comprising the steps:
providing a mobile device having a visual display, a broker and a mini-server having a mini-server database;
transmitting a query which includes identification information to the broker;
transmitting the query from the broker to the mini-server;
processing the query according to rules from the mini-server database;
obtaining requested information;
formatting the requested information for the visual display of the mobile device;
transmitting the requested information to the mobile device; and
displaying at least a portion of the requested information on the visual display of the mobile device.

1 16. The method for providing information to mobile devices of claim 15 further
2 comprising the steps:
3 transmitting retrieval information to the mobile device; and
4 transmitting the requested information to the mobile device if the retrieval
5 information is transmitted to the broker.

1 17. The method for providing information to mobile devices of claim 15 wherein the
2 query includes security information and the transmitting steps are made over
3 secure connections if required by the security information.

1 18. A method for providing information to a mobile device comprising the steps:
2 providing a mobile device having a visual display, a broker and a personal
3 agent computer having a personal agent database;
4 transmitting a query which include identification information to the
5 broker;
6 transmitting the query to the personal agent computer;
7 processing the query according to rules obtained from the personal agent
8 database;
9 obtaining requested information;
10 formatting the requested information for the visual display of the mobile
11 device;
12 transmitting the requested information to the mobile device; and

13 displaying at least a portion of the requested information on the visual display of
14 the mobile device.

1 19. The method for providing information to mobile devices of claim 18 further
2 comprising the steps:
3 attaching a ticket to the request;
4 storing the request in the request queue of the broker; and
5 transmitting retrieval information from the broker to the mobile device;
6 wherein the transmitting the modified requested information to the mobile device
7 is only performed if the mobile device transmits the retrieval information to the
8 broker.

1 20. The method for providing information to mobile devices of claim 18 wherein the
2 query includes security information and the transmitting steps made are over
3 secure connections if required by the security information.